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TITLE: **THERMAL RECORDING MATERIAL**

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INVENTOR-INFORMATION:

NAME

OTAKI, KAZUMI

SAKAI, HISASHI

MARUTA, KEIICHI

ASSIGNEE-INFORMATION:

NAME

RICOH CO LTD

COUNTRY

N/A

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ABSTRACT:

PURPOSE: To provide the titled material having excellent reliability in the water resistance and chemical resistance of an image, suitable for high speed **recording** and having high sensitivity, constituted by containing a **zirconium** compound in the water soluble polymer protective layer provided on a **thermal** color forming layer.

CONSTITUTION: In a **thermal recording** material wherein a **thermal** color forming layer containing a leuco dye (e.g., 3-N-ethyl-N-acylamino-6-methyl-7-anilinofluorane) and a coupler (e.g.,

bisphenol A) is provided on a support such as high grade paper and a water soluble polymer protective layer is provided on said color forming layer, a **zirconium** compound [e.g., Na<sub>2</sub>ZrSiO<sub>5</sub>, ZrOCl<sub>2</sub>.8H<sub>2</sub>O, ZrOSO<sub>4</sub>.nH<sub>2</sub>O, ZrO(NO<sub>3</sub>)<sub>2</sub>.4H<sub>2</sub>O, ZrO(CO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O, ZrO(OH)<sub>2</sub>. nH<sub>2</sub>O or ZrO(C<sub>2</sub>H<sub>3</sub>O)<sub>2</sub>ZrO(CO<sub>3</sub>)<sub>2</sub>] is contained in said protective layer.

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